## Message

Bahadori, Tina [Bahadori.Tina@epa.gov] From:

8/31/2018 5:04:01 PM Sent:

To: Boyes, William [Boyes.William@epa.gov]

CC: Lavoie, Emma [Lavoie.Emma@epa.gov]; Shams, Dahnish [Shams.Dahnish@epa.gov]; Thayer, Kris

> [thayer.kris@epa.gov]; Walton, Barb [Walton.Barb@epa.gov]; Hoyer, Marion [hoyer.marion@epa.gov]; Cook, Rich [Cook.Rich@epa.gov]; Sopata, Joe [Sopata.Joe@epa.gov]; Herr, David [Herr.David@epa.gov]; Rogers, John M.

[Rogers.John@epa.gov]

Subject: RE: A Heads Up/Request -- Manganese IAP - Agency Review Plan - Friday, August 10

Hi Will,

Thank you for getting back to me with such a detailed evaluation. I really appreciate your time, expertise, and input. We will work with the NCEA assessment team and OTAQ to find a path forward with this assessment.

Thanks again and have a wonderful weekend.

Tina

Tina Bahadori, Sc.D.

Director, National Center for Environmental Assessment (EPA/ORD/NCEA) National Program Director, Human Health Risk Assessment (EPA/ORD/HHRA)

From: Boyes, William

Sent: Friday, August 31, 2018 10:15 AM To: Bahadori, Tina <Bahadori. Tina@epa.gov>

Cc: Lavoie, Emma <Lavoie.Emma@epa.gov>; Shams, Dahnish <Shams.Dahnish@epa.gov>; Thayer, Kris

<thayer.kris@epa.gov>; Walton, Barb <Walton.Barb@epa.gov>; Hoyer, Marion <hoyer.marion@epa.gov>; Cook, Rich

Cook.Rich@epa.gov>; Sopata, Joe <Sopata.Joe@epa.gov>; Herr, David <Herr.David@epa.gov>; Rogers, John M.

<Rogers.John@epa.gov>

Subject: RE: A Heads Up/Request -- Manganese IAP - Agency Review Plan - Friday, August 10

Hi Tina,

Thank you for asking me to review the IRIS Assessment Plan for Mn. My comments are attached. Ex 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

At the request of staff in OTAQ, I have also cc'ed them on this message.

Please let me know if you have any questions, or would like me to elaborate on any of the points provided.

Sincerely,

Will Boyes

From: Bahadori, Tina

Sent: Wednesday, August 08, 2018 6:06 PM To: Boyes, William < Boyes. William@epa.gov> **Cc:** Lavoie, Emma <<u>Lavoie.Emma@epa.gov</u>>; Shams, Dahnish <<u>Shams.Dahnish@epa.gov</u>>; Thayer, Kris <thayer.kris@epa.gov>

Subject: A Heads Up/Request -- Manganese IAP - Agency Review Plan - Friday, August 10

Hi Will,

I hope you are well! I wanted to let you know that the Manganese IRIS Assessment Plan (IAP) is going to go out for a 4-week Agency review on Friday. This document is part of the scoping/problem formulation of an assessment and it describes the scope of what we will and will not be doing. Because we want to be mindful of your advice on how we portray our plans for PBPK modeling, we would like to ask you to take a look at this aspect of the document and the appendix on PBPK modeling. Both the IAP and the appendix are high level and not very long...so hopefully it won't be a huge encumbrance. Dahnish Shams, copied on this email, will send you a copy as soon as it is released. I am going home to see my dad over the next two weeks and will not be accessible. I have copied Emma Lavoie and Kris Thayer, both of whom can answer any questions you might have in the interim. I will be back in on the 27<sup>th</sup>.

I'm around the rest of the week, but if I don't speak to you, thanks again for all your input and help!

Tina